

PHOTOGRAPHIC INTERPRETATION REPORT



ARCHANGELSK-LIPIN
BOR PORTION OF A SOVIET
NORTH-SOUTH MICROWAVE
RELAY LINK

OCTOBER 1968
COPY 122
3 PAGES

25X1

25X1

Declass Review by NIMA / DoD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

25X1

25X1

Approved For Release 2001/07/21 : CIA-RDP78T04759A008600010001-2	TOP SECRET
--	------------

25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Arkhangelsk-Lipin Bor Portion of a Soviet North-South Microwave Relay Link		UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	See Below	
MAP REFERENCE		
ACIC. USAF Jet Navigation Chart, 6th ed, Sep 66, Sheet JN-10N, Scale 1:2,000,000 (UNCLASSIFIED)		
LATEST IMAGERY USED		NEGATION DATE (if required)
See below		NA

25X1

25X1

ABSTRACT

A 265-nautical mile north-south microwave relay link between Arkhangelsk and Lipin Bor, USSR, has been identified. There are 13 microwave facilities in this link.

25X1

INTRODUCTION

A newly constructed microwave link between Arkhangelsk and Lipin Bor has been observed. It was expected that this new link would follow the Arkhangelsk-Vologda rail line; however, midway between these cities, the route veers southwest toward Cherepovets. A direct connection to Cherepovets cannot now be determined because two relay facilities necessary for the completed link cannot be identified on available photography. The thirteen microwave facilities are depicted on Figure 1. The photograph of Facility 10, included on Figure 1 is representative of all 13 facilities. With the exception of Facilities 4 and 10, all microwave facilities were identified on [] photography. The rail line between Konosha and Kotlas was searched for another microwave link. The poor interpretability of available photography precludes identification of any microwave facilities on this route.

25X1

BASIC DESCRIPTION*

- Arkhangelsk Troposcatter/Microwave Facility
64-28-38N 040-55-03E
11.5 NM ESE of Arkhangelsk
Height of tower undetermined
- Tundra Microwave Facility
64-08-00N 040-40-00E
10 NM south of Tundra
Height of tower []
- Kholmogorskaya Microwave Facility
63-48-35N 040-38-21E
0.5 NM NW of Kholmogorskaya
Height of tower undetermined
- Yemtsa Microwave Facility
63-04-27N 040-20-57E
0.25 nm east of Yemtsa
Height of tower undetermined

25X1

25X1

25X1

25X1
25X1

25X1

25X1

25X1

25X1

25X1
25X1

25X1

25X1

25X1

6. Plesetsk Microwave Facility
62-43-11N 040-17-31E
0.25 NM NW of Plesetsk
Height of tower

25X1

25X1

25X1

7. Fedovo Microwave Facility
62-23-41N 039-42-49E
3.5 NM west of Fedovo
Height of tower

25X1

25X1

25X1

8. Konevo Microwave Facility
62-03-55N 039-15-26E
3.5 NM south of Konevo
Height of tower 130 ft

25X1

25X1

9. Antipino Microwave Facility
61-43-01N 039-13-52E
2 NM NW of Antipino
Height of tower 235 ft

25X1

25X1

25X1

11. Tikhmanga-Patrovo Microwave Facility
61-18-45N 038-32-21E
2.7 NM NW of Patroskaya
Height of tower undetermined

25X1

25X1

12. Krechetovo Microwave Facility
60-56-25N 038-31-30E
0.75 NM SE of Krechetovo
Height of tower undetermined

25X1

25X1

13. Lipin Bor Microwave Facility
60-21-20N 037-55-30E (map derived)
6 NM NNW of Lipin Bor
Height of tower undetermined

25X1

25X1

25X1

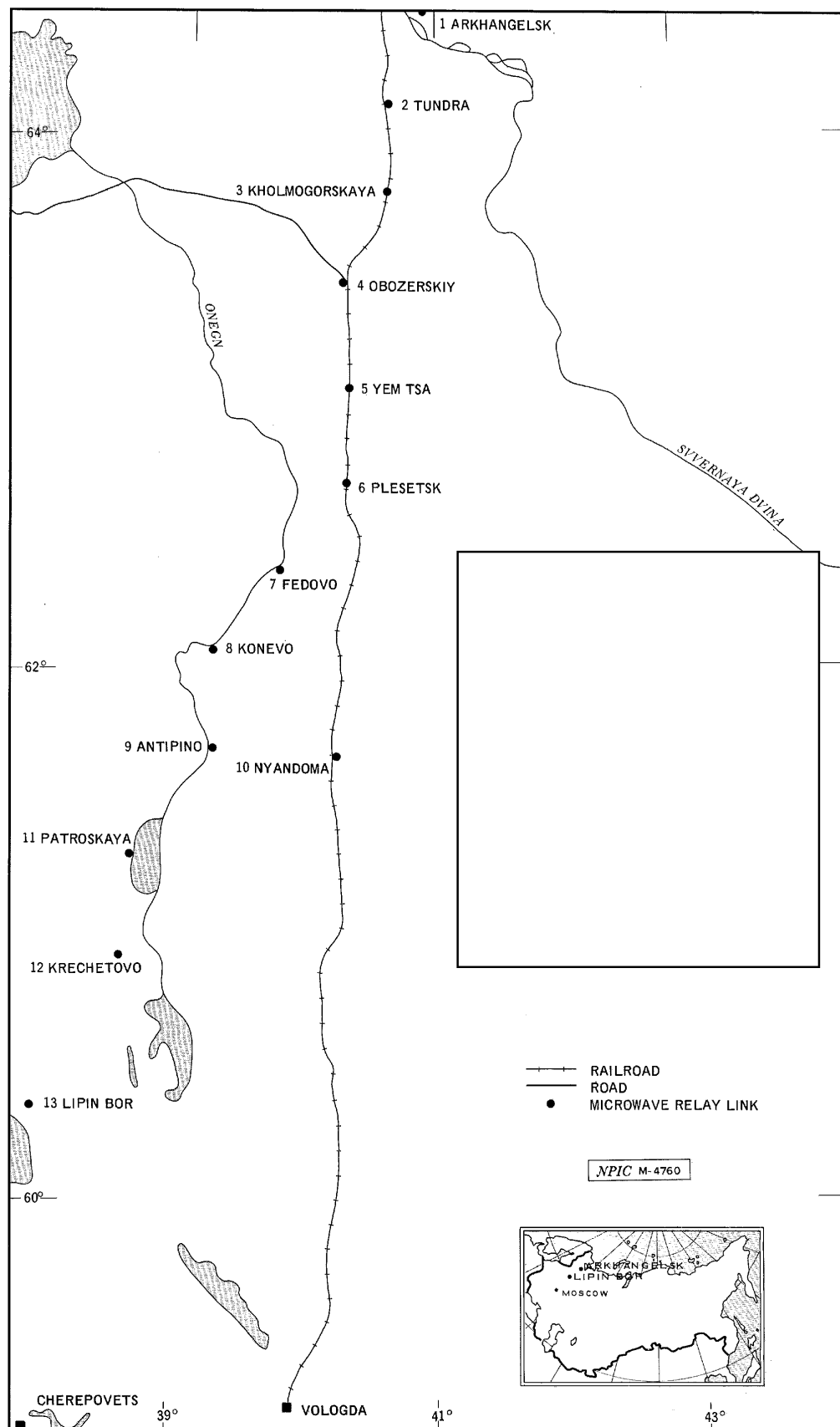


FIGURE 1. ARKHANGELSK-LIPIN BOR PORTION OF A SOVIET NORTH-SOUTH MICROWAVE RELAY LINK.

~~TOP SECRET~~

~~TOP SECRET~~